

MultiTHREAD Full Form 2XD – TIN T21 COATED – FLOOD COOLANT



| | Tool Size | Thread Size | | | Cutter Dia. | Cut Length | # Flutes | Overall Length | Shank Dia. | EDP No. | List Price CAD |
|------|----------------|----------------|---------|-----|-------------|------------|----------|----------------|------------|---------------|----------------|
| | | UNC | UNF | M | | | | | | | |
| INCH | 10 | 10-24 | - | - | 0.136 | 0.395 | 3 | 2 1/2" | 1/4" | GFR15105.5007 | 214.17 |
| | 1/4 | 1/4-20 | - | - | 0.185 | 0.524 | 3 | 2 1/2" | 1/4" | GFR15105.5009 | 214.17 |
| | 5/16 | 5/16-18 | - | - | 0.242 | 0.637 | 3 | 2 1/2" | 1/4" | GFR15105.5010 | 214.17 |
| | 3/8 | 3/8-16 | - | - | 0.301 | 0.780 | 3 | 2 1/2" | 5/16" | GFR15105.5011 | 221.25 |
| | 7/16 | 7/16-14 | - | - | 0.354 | 0.891 | 3 | 3" | 3/8" | GFR15105.5012 | 243.44 |
| | 1/2 | 1/2-13 | - | - | 0.371 | 1.036 | 3 | 3" | 3/8" | GFR15105.5013 | 295.00 |
| | 5/8 | 5/8-11 | - | - | 0.496 | 1.316 | 4 | 3 3/4" | 1/2" | GFR15105.5015 | 324.48 |
| | 3/4 | 3/4-10 | - | - | 0.621 | 1.548 | 4 | 4 1/4" | 5/8" | GFR15105.5016 | 353.94 |
| | 7/8 | 7/8-9 | - | - | 0.621 | 1.829 | 4 | 4 1/4" | 5/8" | GFR15105.5017 | 368.77 |
| | 1"-8 & 1 1/8-8 | 1"-8 & 1 1/8-8 | - | - | 0.746 | 2.058 | 4 | 4 3/4" | 3/4" | GFR15105.5018 | 413.24 |
| | 10 | - | 10-32 | - | 0.150 | 0.390 | 3 | 2 1/2" | 1/4" | GFR15105.5041 | 214.17 |
| | 1/4 | - | 1/4-28 | - | 0.203 | 0.517 | 3 | 2 1/2" | 1/4" | GFR15105.5043 | 214.17 |
| | 5/16 | - | 5/16-24 | - | 0.246 | 0.644 | 3 | 2 1/2" | 1/4" | GFR15105.5044 | 214.17 |
| | 3/8 | - | 3/8-24 | - | 0.309 | 0.769 | 3 | 2 1/2" | 5/16" | GFR15105.5045 | 221.25 |
| | 7/16 | - | 7/16-20 | - | 0.371 | 0.874 | 3 | 3" | 3/8" | GFR15105.5046 | 243.44 |
| | 1/2 | - | 1/2-20 | - | 0.371 | 1.023 | 3 | 3" | 3/8" | GFR15105.5047 | 295.00 |
| | 3/4 | - | 3/4-16 | - | 0.621 | 1.530 | 4 | 4 1/4" | 5/8" | GFR15105.5050 | 348.62 |
| | METRIC | 6 | - | - | M6 | 0.189 | 0.491 | 3 | 2 1/2" | 1/4" | GFR15105.0060 |
| 8 | | - | - | M8 | 0.246 | 0.663 | 3 | 2 1/2" | 1/4" | GFR15105.0080 | 215.76 |
| 10 | | - | - | M10 | 0.309 | 0.796 | 3 | 2 1/2" | 5/16" | GFR15105.0100 | 216.61 |
| 12 | | - | - | M12 | 0.371 | 0.997 | 3 | 3" | 3/8" | GFR15105.0112 | 229.87 |

MultiTHREAD Full Form 2XD – TIN T21 COATED – COOLANT THROUGH



| | Tool Size | Thread Size | | | Cutter Dia. | Cut Length | # Flutes | Overall Length | Shank Dia. | EDP No. | List Price CAD |
|--------|------------|----------------|------------------|-----|-------------|------------|----------|----------------|------------|---------------|----------------|
| | | UNC | UNF | M | | | | | | | |
| INCH | 1/4 | 1/4-20 | - | - | 0.185 | 0.524 | 3 | 2 1/2" | 1/4" | GFR35105.5009 | 232.45 |
| | 5/16 | 5/16-18 | - | - | 0.242 | 0.637 | 3 | 2 1/2" | 1/4" | GFR35105.5010 | 232.45 |
| | 3/8 | 3/8-16 | - | - | 0.301 | 0.780 | 3 | 2 1/2" | 5/16" | GFR35105.5011 | 241.21 |
| | 7/16 | 7/16-14 | - | - | 0.354 | 0.891 | 3 | 3" | 3/8" | GFR35105.5012 | 264.43 |
| | 1/2 | 1/2-13 | - | - | 0.371 | 1.036 | 3 | 3" | 3/8" | GFR35105.5013 | 321.02 |
| | 5/8 | 5/8-11 | - | - | 0.496 | 1.316 | 4 | 3 3/4" | 1/2" | GFR35105.5015 | 353.00 |
| | 3/4 | 3/4-10 | - | - | 0.621 | 1.548 | 4 | 4 1/4" | 5/8" | GFR35105.5016 | 384.05 |
| | 7/8 | 7/8-9 | - | - | 0.621 | 1.829 | 4 | 4 1/4" | 5/8" | GFR35105.5017 | 400.56 |
| | 1" & 1 1/8 | 1"-8 & 1 1/8-8 | - | - | 0.746 | 2.058 | 4 | 4 3/4" | 3/4" | GFR35105.5018 | 449.32 |
| | 10 | - | 10-32 | - | 0.150 | 0.390 | 3 | 2 1/2" | 1/4" | GFR35105.5041 | 232.45 |
| | 1/4 | - | 1/4-28 | - | 0.203 | 0.517 | 3 | 2 1/2" | 1/4" | GFR35105.5043 | 232.45 |
| | 5/16 | - | 5/16-24 | - | 0.246 | 0.644 | 3 | 2 1/2" | 1/4" | GFR35105.5044 | 232.45 |
| | 3/8 | - | 3/8-24 | - | 0.309 | 0.769 | 3 | 2 1/2" | 5/16" | GFR35105.5045 | 241.21 |
| | 7/16 | - | 7/16-20 | - | 0.371 | 0.874 | 3 | 3" | 3/8" | GFR35105.5046 | 264.43 |
| | 1/2 | - | 1/2-20 | - | 0.371 | 1.023 | 3 | 3" | 3/8" | GFR35105.5047 | 321.02 |
| | 9/16 & 5/8 | - | 9/16-18 & 5/8-18 | - | 0.496 | 1.138 | 4 | 3 3/4" | 1/2" | GFR35105.5048 | 353.00 |
| | 3/4 | - | 3/4-16 | - | 0.621 | 1.530 | 4 | 4 1/4" | 5/8" | GFR35105.5050 | 400.56 |
| | 7/8 & 1" | - | 7/8-14 & 1"-14 | - | 0.621 | 1.817 | 4 | 4 1/4" | 5/8" | GFR35105.5051 | 419.11 |
| METRIC | 6 | - | - | M6 | 0.189 | 0.491 | 3 | 2 1/2" | 1/4" | GFR35105.0060 | 253.43 |
| | 8 | - | - | M8 | 0.246 | 0.663 | 3 | 2 1/2" | 1/4" | GFR35105.0080 | 253.43 |
| | 10 | - | - | M10 | 0.309 | 0.796 | 3 | 2 1/2" | 5/16" | GFR35105.0100 | 262.38 |
| | 12 | - | - | M12 | 0.371 | 0.997 | 3 | 3" | 3/8" | GFR35105.0112 | 287.74 |
| | 14 | - | - | M14 | 0.457 | 1.140 | 4 | 3 3/4" | 1/2" | GFR35105.0114 | 363.63 |
| | 16 | - | - | M16 | 0.496 | 1.280 | 4 | 3 3/4" | 1/2" | GFR35105.0116 | 363.44 |
| | 20 | - | - | M20 | 0.621 | 1.595 | 4 | 4 1/4" | 5/8" | GFR35105.0120 | 412.40 |

MultiTHREAD Single Plane 2XD – TIN T21 COATED



| Tool Size | Thread Size | | | | | | Cutter Dia. | Cut Length | # Flutes | Overall Length | Shank Dia. | Shank Type | EDP No. | List Price CAD | | |
|------------------------|-------------|---------|---------|---------|---------|---------|-------------|------------|----------|----------------|------------|------------|---------|----------------|-----------------|--------|
| | UNC | UNF | STI UNC | STI UNF | UNEF | UNJC | | | | | | | | | M | MJ |
| MINIATURE SIZES | 0 | – | 0-80 | – | – | – | 1.6 x .35 | 1.6 x .35 | 0.045 | 0.125 | 1 | 1 5/8" | 1/8" | HA | GFS13705.5033 • | 111.78 |
| | 1 | 1-64 | 1-72 | – | – | – | 2 x .4 | 2 x .4 | 0.056 | 0.146 | 3 | 1 5/8" | 1/8" | HA | GFS23705.5000 • | 112.84 |
| | 2 | 2-56 | 2-64 | 1-64 | – | – | 2.5 x .45 | 2.5 x .45 | 0.064 | 0.172 | 3 | 1 5/8" | 1/8" | HA | GFS23705.5001 • | 112.84 |
| | 4 | 4-40 | 4-48 | 2-56 | – | – | – | – | 0.081 | 0.224 | 3 | 1 5/8" | 1/8" | HA | GFS23705.5003 • | 112.84 |
| | STI 4 | – | – | 4-40 | 4-48 | – | – | – | 0.117 | 0.295 | 3 | 1 5/8" | 1/8" | HA | GFS23705.5611 • | 112.84 |
| | 5 | 5-40 | 5-44 | – | – | – | 3 x .5 | 3 x .5 | 0.095 | 0.250 | 3 | 1 5/8" | 1/8" | HA | GFS23705.5004 • | 112.84 |
| | 6 | 6-32 | 6-40 | – | – | – | – | – | 0.100 | 0.276 | 3 | 1 5/8" | 1/8" | HA | GFS23705.5005 • | 112.84 |
| | STI 6 | – | – | 6-32 | 6-40 | – | 5 x .8 | 5 x .8 | 0.143 | 0.364 | 3 | 2 1/2" | 1/4" | HB | GFS23105.5613 • | 161.97 |
| | 8 | 8-32 | 8-36 | – | – | – | 4 x .7 | 4 x .7 | 0.124 | 0.328 | 3 | 1 5/8" | 1/8" | HA | GFS23705.5006 • | 112.84 |
| | STI 8 | – | – | 8-32 | 8-36 | 1/4-32 | – | – | 0.167 | 0.415 | 3 | 2 1/2" | 1/4" | HB | GFS23105.5614 • | 161.97 |
| | 10 | 10-24 | 10-32 | 10-24 | 10-32 | – | 10-24 | – | 0.136 | 0.380 | 3 | 2 1/2" | 1/4" | HB | GFS23105.5007 • | 161.97 |
| | 1/4 | 1/4-20 | 1/4-28 | 1/4-20 | 1/4-28 | 5/16-32 | 1/4-20 | 6 x 1 | 0.185 | 0.500 | 3 | 2 1/2" | 1/4" | HB | GFS23105.5009 • | 161.97 |
| STANDARD SIZES | 5/16 | 5/16-18 | 5/16-24 | 5/16-18 | 5/16-24 | 3/8-32 | 5/16-18 | 8 x 1.25 | 0.242 | 0.625 | 4 | 2 1/2" | 1/4" | HB | GFS33105.5010 * | 180.09 |
| | 3/8 | 3/8-16 | 3/8-24 | 3/8-16 | 3/8-24 | 7/16-28 | 3/8-16 | 10 x 1.5 | 0.301 | 0.750 | 5 | 2 1/2" | 5/16" | HB | GFS33105.5011 * | 193.41 |
| | 7/16 | 7/16-14 | 7/16-20 | 7/16-14 | 7/16-20 | 1/2-28 | 7/16-14 | 12 x 1.75 | 0.354 | 0.875 | 5 | 3" | 3/8" | HB | GFS33105.5012 * | 212.69 |
| | 1/2 | 1/2-13 | 1/2-20 | 1/2-13 | 1/2-20 | 5/8-24 | 1/2-13 | 14 x 2 | 0.407 | 1.000 | 5 | 3 3/4" | 1/2" | HB | GFS33105.5013 * | 262.24 |
| | 5/8 | 5/8-11 | 5/8-18 | 5/8-11 | 5/8-18 | 3/4-20 | 5/8-11 | 16 x 2 | 0.512 | 1.250 | 5 | 3 3/4" | 1/2" | HB | GFS33105.5015 * | 283.99 |
| | 3/4 | 3/4-10 | 3/4-16 | 3/4-10 | 3/4-16 | 7/8-20 | 3/4-10 | 20 x 2.5 | 0.630 | 1.500 | 6 | 4 1/4" | 5/8" | HB | GFS33105.5016 * | 314.13 |

MultiTHREAD Single Plane 3XD – TIN T21 COATED



| Tool Size | Thread Size | | | | | Cutter Dia. | Cut Length | # Flutes | Overall Length | Shank Dia. | Shank Type | EDP No. | List Price CAD | |
|------------------------|-------------|---------|---------|---------|---------|-------------|------------|----------|----------------|------------|------------|---------|-----------------|--------|
| | UNC | UNF | STI UNC | STI UNF | M | | | | | | | | | |
| MINIATURE SIZES | 2 | 2-56 | 2-64 | 2-56 | 2-64 | M 2.2 | 0.067 | 0.258 | 3 | 1.625 | 1/8" | HA | GFS83705.5001 • | 159.19 |
| | 4 | 4-40 | 4-48 | 4-40 | 4-48 | M 3 | 0.085 | 0.336 | 3 | 1.625 | 1/8" | HA | GFS83705.5003 • | 159.19 |
| | 6 | 6-32 | 6-40 | 6-32 | 6-40 | M 3.5 | 0.106 | 0.414 | 3 | 1.625 | 1/8" | HA | GFS83705.5005 • | 159.19 |
| | 8 | 8-32 | 8-36 | 8-32 | 8-36 | – | 0.132 | 0.492 | 3 | 1.750 | 3/16" | HA | GFS83705.5006 • | 182.11 |
| | 10 | 10-24 | – | 10-24 | – | M 5 | 0.146 | 0.570 | 3 | 1.875 | 3/16" | HA | GFS83705.5007 • | 182.11 |
| | | – | 10-32 | – | 10-32 | – | 0.154 | 0.570 | 4 | 1.875 | 3/16" | HA | GFS83705.5041 • | 182.11 |
| | 1/4 | 1/4-20 | – | 1/4-20 | – | M 6 | 0.195 | 0.750 | 4 | 2.375 | 1/4" | HB | GFS83105.5009 • | 216.53 |
| | | – | 1/4-28 | – | 1/4-28 | – | 0.207 | 0.750 | 4 | 2.375 | 1/4" | HB | GFS83105.5043 • | 216.53 |
| STANDARD SIZES | 5/16 | 5/16-18 | – | 5/16-18 | – | M 8 | 0.248 | 0.937 | 4 | 2.563 | 5/16" | HB | GFS83105.5010 * | 264.91 |
| | | – | 5/16-24 | – | 5/16-24 | – | 0.260 | 0.937 | 5 | 2.563 | 5/16" | HB | GFS83105.5044 * | 264.91 |
| | 3/8 | 3/8-16 | – | 3/8-16 | – | M 10 | 0.303 | 1.125 | 5 | 2.750 | 5/16" | HB | GFS83105.5011 * | 264.91 |
| | | – | 3/8-24 | – | 3/8-24 | – | 0.323 | 1.125 | 5 | 2.875 | 3/8" | HB | GFS83105.5045 * | 264.91 |
| | 7/16 | 7/16-14 | – | 7/16-14 | – | M 12 | 0.354 | 1.312 | 5 | 3.125 | 3/8" | HB | GFS83105.5012 * | 323.42 |
| | | – | 7/16-20 | – | 7/16-20 | – | 0.376 | 1.312 | 5 | 3.060 | 3/8" | HB | GFS83105.5046 * | 323.42 |
| | 1/2 | 1/2-13 | 1/2-20 | 1/2-13 | 1/2-20 | – | 0.409 | 1.500 | 5 | 3.625 | 1/2" | HB | GFS83105.5013 * | 366.78 |
| | 5/8 | 5/8-11 | 5/8-18 | 5/8-11 | 5/8-18 | M 16 | 0.514 | 1.875 | 5 | 4.125 | 5/8" | HB | GFS83105.5015 * | 366.78 |
| | 3/4 | 3/4-10 | 3/4-16 | 3/4-10 | 3/4-16 | – | 0.630 | 2.250 | 6 | 4.500 | 5/8" | HB | GFS83105.5016 * | 483.89 |

• Miniature sizes external flood coolant only. * Standard sizes use with external flood coolant or internal coolant through. Shank Types: HA-Shank without clamping flat, HB-Shank with Weldon clamping flat